

PATENT  
Docket No. 50623.67

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Syed Hossainy, et al.  
Assignee: Advanced Cardiovascular Systems, Inc.  
Title: Adhesion of Heparin-Containing Coatings to Blood-Contacting Surfaces of Medical Devices  
Serial No.: 09/753,630 Filed: January 2, 2001  
Examiner: ~~Unassigned~~ <sup>Kolb</sup> Group Art Unit: Unknown  
Docket No.: 50623.67

**OFFICIAL**

#2  
7/3/01

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

The above-identified assignee hereby revokes all powers of attorney previously given and appoints hereby the following attorney(s) and/or agent(s) to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

David B. Abel, Reg. No. 32,394; Daryl Josephson, 37,365; Nate Lane, Reg. No. 43,738; Marc A. Sockol, Reg. No. 40,823; Cameron Kerrigan, Reg. No. 44,826; Patrick Benedicto, Reg. No. 40,909; Victoria Nicholson Reg. No. 47,823; Paul Meyer, Reg. No. 47,791; Aaron Winingar, Reg. No. 45,229; Paul Durdik, Reg. No. 37,819; Arnold De Guzman, Reg. No. 39,955; William Bachand, Reg. No. 34,980; David Rogers, Reg. No. 38,287; David Koo, Reg. No. 46,839; Michael Lechter, Reg. No. 27,350; Les Weinstein, Reg. No. 19,625; Lori Howland, Reg. No. 42,671; Tim Kitchen, Reg. No. 41,900; Thomas A. Hassing, Reg. No. 36,159; Philip Yip, Reg. No. 37,265.

PATENT  
Docket No. 50623.67

Please address all correspondence and telephone calls regarding this application  
to:

Cameron Kerrigan  
SQUIRE, SANDERS & DEMPSEY L.L.P.  
One Maritime Plaza, Suite 300  
San Francisco, California 94111-3492  
Telephone: 415.954.0323

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**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(b)**

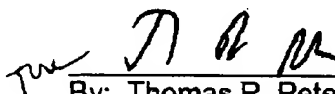
The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor of the above-identified patent application to the above-identified assignee as shown below:

1. From: Syed Hossainy, et al. To: Guidant Corporation. A copy of the Assignment document and Form PTO-1595 are enclosed herewith.
2. From: Guidant Corporation to Advanced Cardiovascular Systems, Inc. A copy of the Assignment document and Form PTO-1595 are enclosed herewith.

**The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.**

June 6, 2001

Date



By: Thomas R. Peterson  
Vice President and General Counsel

## ASSIGNMENT

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For good and valuable consideration receipt of which is hereby acknowledged, Guidant Corporation, formerly having a place of business at 3200 Lakeside Drive, Santa Clara, CA, and currently having a principal place of business at 111 Monument Circle, 29<sup>th</sup> Floor, Indianapolis, IN 46204-5129, having acquired by a prior assignment the entire right, title and interest in the invention as filed below:

Serial No.:	Filing Date:	Title:
09/753,630	01/02/01	Adhesion of Heparin-Containing Coatings to Blood-Contacting Surfaces Of Medical Devices

and having acquired the entire right, title and interest in all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; and having acquired the right to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from the inventors; hereby sells, assigns and transfers to Advanced Cardiovascular Systems, Inc. a California corporation having a principal place of business at 3200 Lakeside Drive, Santa Clara, CA 95054, its successors and assigns, the entire right, title and interest throughout the world in said inventions, and all patent applications and patents of every country for said inventions, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; Guidant Corporation authorizes the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from Guidant Corporation; and agrees to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and requests the Commissioner of Patents and Trademarks to issue all patents granted for said invention to Advanced Cardiovascular Systems, Inc. its successors and assigns.

Executed this 14 day of June, 2001.

For: Guidant Corporation

For: Advanced Cardiovascular Systems, Inc.

*the Debra J. Minott*  
\_\_\_\_\_  
Name: Debra Minott  
Title: Deputy General Counsel

*the Thomas R. Peterson*  
\_\_\_\_\_  
Name: Thomas R. Peterson  
Title: Vice President and General Counsel

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ATTORNEY DOCKET NO: M-8618 US

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

- (a) Hossainy, Syed F.  
(b) {Roorda, Wouter E.  
(c) }

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Guidant Corporation  
Street Address: 3200 Lakeside Drive  
City: Santa Clara CA 95054  
Country: USA

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 12/14/00; 12/15/00

Name and address of receiving party(ies):

Name: {Enter Name}  
Street Address: {Enter Street Address}  
City: {City} {State} {Zip}  
Country: {Country}

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 12/14/00; 12/15/00

A. Patent Application No.(s) - {Patent Application Numbers}

Title: Adhesion of Heparin-Containing Coatings to Blood-Contacting Surfaces of Medical Devices

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: George Wolken, Jr.  
Internal Address: SKJERVEN MORRILL MacPHERSON LLP  
Street Address: 25 METRO DRIVE, SUITE 700  
City: SAN JOSE State: CA Zip: 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Authorized to be charged to Deposit Account 19-2386  
☒ Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

George Wolken Jr. 30.441  
Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 3

**OFFICIAL**

Attorney Docket No.:M-8618 US

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we Syed F.A. Hossainy and Wouter E. Roorda hereby sell, assign and transfer to Guidant Corporation a California corporation, having a place of business at 3200 Lakeside Drive, Santa Clara, California 95054, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

**ADHESION OF HEPARIN-CONTAINING COATINGS  
TO BLOOD-CONTACTING SURFACES OF MEDICAL DEVICES**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 14 day of December, 2000.

Syed F.A. Hossainy

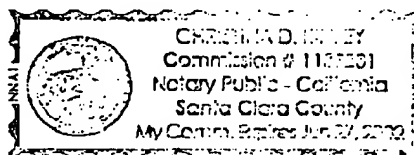
**SYED F.A. HOSSAINY**

State of Calif. )

County of Santa Clara ) ss

On Dec. 14, 2000 before me, Christina D. Kinsey personally appeared Syed F.A. Hossainy personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Christina D. Kinsey



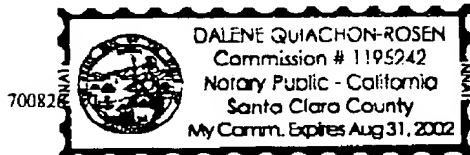
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Executed this 15 day of December, 2000.

WOUTER E. ROORDA

State of California  
County of San Clara

On Dec. 15, 00 before me, Dalene Quiachon-Rosen,  
personally appeared Wouter E. Roorda personally  
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they  
executed the same in his/her/their authorized capacity(ies), and that by his/her/their  
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)  
acted, executed the instrument.



Dalene Quiachon-Rosen

**SQUIRE  
SANDERS**

LEGAL  
COUNSEL  
WORLDWIDE

**SQUIRE, SANDERS & DEMPSEY L.L.P.**

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July 3, 2001

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No. of Pages (including cover): **8**

To: Examiner Kolb

Facsimile No: (703) 872-9599

Company: USPTO

Confirmation No:

From: Cameron Kerrigan

Direct Dial No: +1.\_\_\_\_\_.\_\_\_\_\_.\_\_\_\_\_

E-mail: ckerrigan@ssd.com

Re: Serial No. 09/753,630

Message:

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